

Mouse Soluble Glucoprotein 130 ELISA Kit | sGP130 elisa kit

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CATALOG #
AAA17111

REACTIVITY
Mouse

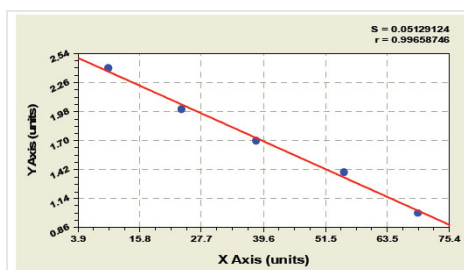
PRODUCT SYNONYMS

Soluble Glucoprotein 130; Mouse Soluble Glucoprotein 130 ELISA Kit; sGP130 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This sGP-130 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse sGP-130. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sGP130 elisa kit

Principle of the assay: sGP-130 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-sGP-130 antibody and an sGP-130-HRP conjugate. The assay sample and buffer are incubated together with sGP-130-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the sGP-130 concentration since sGP-130 from samples and sGP-130-HRP conjugate compete for the anti-sGP-130 antibody binding site. Since the number of sites is limited, as more sites are occupied by sGP-130 from the sample, fewer sites are left to bind sGP-130-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sGP-130 concentration in each sample is interpolated from this standard curve.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.